ROUTING AND RECORD SHEET

SUBJECT: (Optional)

DDA/REG LOGGED

FROM: Edward J.Maloney D/OIT		EXTENSION	NO
			DATE 16 November 1987

STAT

TO: (Officer designation, room number, and building)	DATE		OFFICER'S INITIALS	COMMENTS (Number each comment to show from whom to whom. Draw a line across column after each comment.)
	RECEIVED	FORWARDED		
1. DDA 7D18 HQS	1987			DDA: Per our discussion. Ed
2.				
3.				
4. D/OIT				Ed: Please note the note from Jim which is enclosed herewith.
5.				It appears that IMS wants to "roll its own." This will very likely eventually end in a dead end. Too bad, but as with most of these things, we won't be around when it's recognized that we are at that dead end.
6.				
7.				
8.				I certainly hope WANG eventually makes this a standard product. Reluctantly, I guess you have to go along with IMS' request, although it will tax OC any way you cut it.
9.				
10.				
11.				
12.				William F. Donnelly
13.				
14.				ORIG:DDA:WFDonnelly:bs Distribution:
15.				Original – Addressee 1 – DDA Subj 1 – WFD Chrono

STAT (rows 4, 5, 10)

ER 4548-87

Central Intelligence Agency

Washington D.C. 20505

Executive Director   9 October 1987

NOTE FOR: Deputy Director for Administration

Bill:

    The Customer Standards Group in OIT last week
considered the procurement process which would
result in enforcing the standards they have
accepted. I have no particular argument with the
criteria OIT has laid out for exceptions, indeed
it seems to me they are sensible. I think we do,
however, have an interest in ensuring that we do
everything possible to support the standards
activity. It is amazingly easy to allow
exceptions and end up with no effective standards
program. I would hope that you would continue to
follow this debate and emphasize to all concerned
senior managements' view that exceptions ought to
be relatively few and far between, that our
philosophy is that nearly everyone should be able
to do their work within the standards we have
agreed to. Some see this as a relatively small
issue; to me it is absolutely fundamental in
guaranteeing our ability to enable people to
communicate with each other. The earlier we get
the word around that we have a very strong view
for a needs for standards, the fewer fights we
will have in the future about exceptions. Do you
see this as I do?

25X1

OIT/TRIS
LOGGED

DO/IMS 87-354/2

6 November 1987

MEMORANDUM FOR: Director of Information Technology, DA

25X1   FROM: [   ]

Chief, Information Management Staff, DO

SUBJECT: Performance Enhancement for the Wang Alliance
                  System

REFERENCES: A.   OIT-0772-87, dtd 19 Oct 87, Same Subject
                  B.   DO/IMS 87-354, dtd 9 Sept 87, Same Subject

      1. Action Requested Please coordinate on our proposal to
proceed with the development of the Wang "Turbo" board so that we may
proceed with a letter of intent to Wang.

      2. As requested, my staff has provided a full briefing, keyed to
the questions that you have raised in your memorandum of the 19th,
25X1 for [   ] of your office. Additionally, I am also
providing this information in the following sub-paragraphs, keyed to
the specific set of questions raised by you.

          A. Question: Will Wang announce this proposed "turbo"
      board as a standard product? Answer: We expect that at
      .some point Wang will announce the availability of this
      product; however, it is our understanding that Wang has not
      yet made such a decision. There has been considerable
      resistance from senior Wang managers, and it is known that
      they will not develop the "Turbo" board without a firm
      commitment from the Agency.

          B. Question: How do you intend to define performance
      based on the statement from Wang, "Wang makes no other
      warranties or commitments to the product performance
      capabilities?" Answer: We intend to define performance
      primarily in terms of improved system response time when
      executing its actions. The modifications proposed by Wang
      include a four-fold increase in the number of 928 links used

25X1

SUBJECT: Performance Enhancement for the Wang Alliance System

to address connected peripherals and an 8 bit SCSI port which will enable the Master Unit to interface with a host of new peripherals, such as large-capacity storage devices, that it cannot now accommodate.

C. Question: Has this been coordinated with OC? Answer: Yes, Director of Communications and Chief Foreign Networks Division/OC have been advised of our plans in this area and were given assurances that their personnel will be provided with all that will be required for them to continue technical support. FYI: The choice of any alternative system at this time could not be supported by the existing infrastructure and would require a significant increase in personnel resources.

D. Question: In the event of product failure in the field, who is qualified to make repairs? Based on what knowledge and training? Answer: OC and OIT will be tasked with field maintenance of the devices (which will be limited to exchanging boards or replacing CPUs via the Techreq system). Additional maintenance training will be provided if and as required. Any diagnostic and repair tools required will be procured and distributed. This will be handled in the same manner as we have with the new RSD disk drives, the Professional Computers, etc.

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F. Question: In light of the planning and directions being taken by the Office of Communications as to long-term hardware procurements and installation to overseas stations,

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C O N F I D E N T I A L

SUBJECT: Performance Enhancement for the Wang Alliance System

does the extension of the Alliance system architecture make
sense? Answer: CRAFT has a large distributed base of Wang
Alliance systems, both overseas and domestically; these
systems will be in place for a number of years to come.
With the millions of dollars of equipment already in place
we must plan for phased replacement in the future. We cannot
afford to abandon this equipment arbitrarily or make a
precipitous change to a totally new system. Consideration
for new equipment and capabilities are being addressed under
the DO's DOLPHIN program and the future direction of CRAFT
must meld with that program. We cannot abandon the
ever-increasing needs of DO field personnel while we wait for
a yet to be defined solution which could take years to
implement. Since the Wang Alliance is the current field
automation base for the DO, all OC planned enhancements to
the communications network should be incorporating an
efficient interface between communications and existing CRAFT
equipment.

   G.   Question: What do you expect in terms of increased
product life cycle as a result of this proposed enhancement?
Answer: We anticipate at minimum a five-year increase in
product life cycle for all large, multi-system installed

25X1

   H.   Question: There seems to be an unstated presumption
that upgrading to a Wang V.S. is not an option. Answer: We
have done an extensive evaluation of the VS system and
discussed its utility and operation with a variety of end
users as well as Wang representatives. We have determined
that it is not a suitable replacement for the Wang Alliance
system. Its utilization will not provide the increased
processing speed required to facilitate those primary
activities for which CRAFT is provided, i.e., word and
document processing, storage, and manipulation. Addition-
ally, the VS system would dramatically increase the cost of
procurement, i.e., a VS CPU costs approximately ten times
that of an Alliance. It is also evident that on-site (field)
technical support could not be provided without the presence
of a highly-qualified technician. In essence, the VS system
would not provide the capabilities CRAFT needs, which will be
provided by the "Turbo" board, and would place major new
demands on project resources.

3

C O N F I D E N T I A L

SUBJECT: Performance Enhancement for the Wang Alliance System

     3.   I hope that the previous meeting between representatives of our respective staffs and this response is sufficient to resolve any lingering doubts you may have had regarding the wisdom of this project.   As we need to move forward as quickly as possible, I would appreciate your releasing our contract soon.

25X1

Attachments:
   References

4

C O N F I D E N T I A L

C O N F I D E N T I A L

DO/IMS 87-354

9 SEP 1987

MEMORANDUM FOR: Director of Information Technology

ATTENTION: Chief, SS/ID/CSG/OIT/DA

25X1 FROM:

Chief, Information Management Staff/DO

SUBJECT: Performance Enhancement for the Wang Alliance
               System

REFERENCE: Wang Memo, dated 26 August 1987, same subject

25X1   1. In response to a request from the
25X1   IMS, the Wang Corporation has proposed the development of
a special "turbo" board for use with the CRAFT Alliance system.
This device will significantly improve the operating speed and
processing capacity of the Alliance and allow for the interface
of a new series of peripherals via a SCSI port.

     2. The attached proposal has been discussed with Wang
representatives and IMS is prepared to make a committment of
FY-88/89 funds to cover the purchase of 100 units. Naturally,
this commitment is predicated on the availability of funds and
the acceptable performance of the product. We anticipate a
commitment of approximately $1,000,000 in FY-88 with the
remainder coming from the FY-89 budget.

     3. It is requested that your office arrange to transmit
this commitment to the Wang Corporation so that development work
can begin as soon as possible. Any questions or correspondence
concerning this request should be directed to
25X1   IMS, secure

25X1

Attachment: Wang Proposal

25X1

C O N F I D E N T I A L

DO/IMS 87-354/1

OIT-0772-87
19 OCT 1987

MEMORANDUM FOR: Chief, Information Management Staff, DO

·FROM: Edward J. Maloney
                 Director of Information Technology

SUBJECT: Performance Enhancement for the Wang Alliance System

REFERENCE: DO/IMS 87-354, dtd 9 Sept 87, Same Subject   STAT

Your request has raised several questions, and I apologize for not responding sooner. I believe our best course of action to support your needs for the CRAFT program requires members of our two organizations to get together and formulate answers to the following questions, then brief us on their recommendations. These questions include:

    A. Will Wang announce this proposed "turbo" board as a standard product?

    B. How do you intend to define performance based on the statement from Wang "Wang makes no other warranties or commitments to the product performance capabilities"?

    C. Has this been coordinated with OC?

    D. In the event of product failure in the field, who is qualified to make repairs? Based on what knowledge and training?

STAT

    F. In light of the planning and directions being taken by the Office of Communications as to long term hardware procurements and installation to overseas stations, does the extension of the Alliance system architecture make sense?

    G. What do you expect in terms of increased product life cycle as a result of this proposed enhancement?

    H. There seems to be an unstated presumption that upgrading to a Wang V.S. is not an option.

SUBJECT: Performance Enhancement for the Wang Alliance System

2. Ken, I know your people view this as an interim solution until Dolphin but I view it as building bridges to the past. Our history is littered with these kinds of decisions that while well intended, resulted in being an easy target for the budgeteers. This is especially true this year when it appears we will be under considerable fiscal pressures. We can always come up with interim solutions but they are always very expensive to clean up after.

STAT
3. There are probably a few more concerns I have overlooked that I'm sure can be addressed. I have designated [   ] Chief, Customer Service Group, as my focal point to help answer these concerns. If you agree, please
STAT have your representative contact her on secure [   ] to get together and work on a briefing to answer these questions for both of us.

STAT